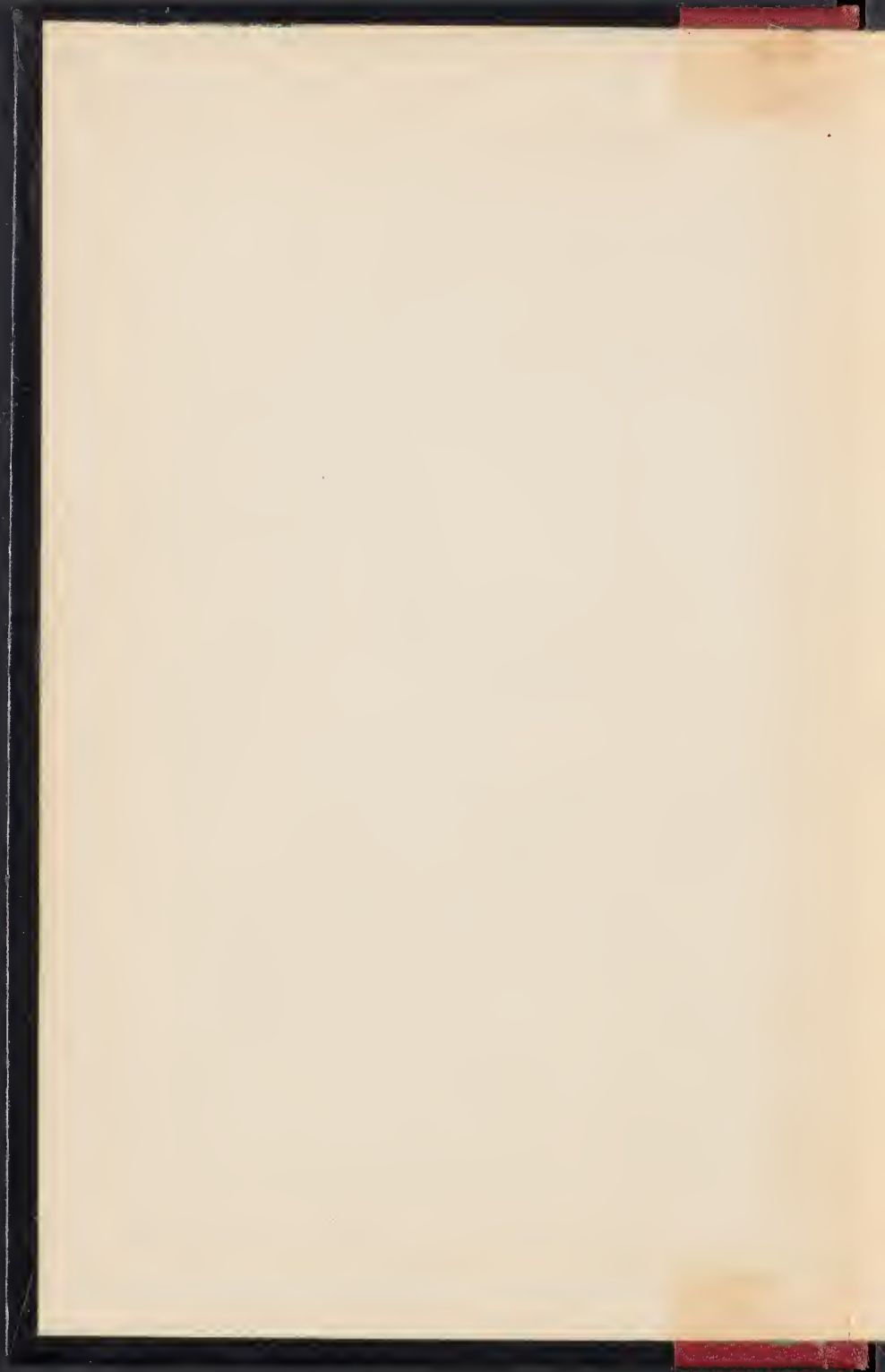


1959

RECORD



2
45

5901

Leavenworthia tomentosa

(7)

Fls. white, small cedar glade.

1.5 miles east of Cleveland on U.S.
64, Bradley Co., Tenn. March 31, '59

n = 15

5902

Leav. stylosa

(4)

Fls. light ~~rose~~ lavender, white; the
soil over limestone, cedar glade area.4 miles east of ~~Bradley~~ ^{Barcross}
northeastern Rutledge Co. Tenn.
March 31st

n = 15

5903

Leav. uniflora

(1)

Fls. white, as 5902

5904

Leav. tomentosa Rollins

(4)

Fls. white with yellow center.

Flood plain of East Fork of Stone
River, 1 mile southwest of ~~Barcross~~
northeastern Rutledge Co.
March 31st

Kentucky

5905

Lesq. uniflora

(2)

Fls. white,

Small cedar glade, 3-4 miles north
of Nashville, Logan Co.

Kentucky

April 1, 1959

5906

Lesq. togluosa

(6)

Fls. light lavender or pale pinkish

nearby white on a lower

cedar glade - 10, 10, 10

by 10, 10, 10

12 miles north of U.S. 68 on
state route 1083, Warren County,

Kentucky April 1, 1959

N = 15

Hypericum fruits green for seed
at same site

Tennessee

5907

Lesq. togluosa

(3)

Fls. yellow

old ~~field~~ field

1 mile west of Hermitage

U.S. 70N

Davidson Co. Tenn.

April 2, 1959

with channel

5908 *Leav. tomentosa*

(5)

Fls. light lavender, abundant in
thin soil over limestone, Silver
Springs, near U.S. 20 N. - 12 miles
west of Lebanon.
Wilson County, Tenn. April 2

$n = 15$

~~12215~~

5909 *Leav. tomentosa*

5910 *Leav. stylosa*

(4)

Fls. yellow with orange center,
abundant near Tenn. highway 26,
3 miles southeast of Lebanon,
Wilson County April 2

$n = 15$

5911 *Leav. tomentosa*

(5)

petals light lavender to nearly white, in
a fine yellow shallow soil over limestone,
on the northwest edge of Watertown,
Wilson County April 2 19

$n = 15$

5912 *Leav. torulosa*
Fls. light lavender, yellow center;
thin soil over limestone, near small
stream; 2 miles south of
Norene, Wilson County, Tenn.
April 2, '59.

$n=15$

5913 *Leav. stylosa* (6)
Fls. nearly white to ~~light purple~~ lavender with
yellow center. thin soil over
limestone, cedar glade, 3 miles
west of Norene, Wilson County,
Tenn? - April 2.

5914 *Leav. uniflora* (1)
Fls. white, cedars of Lebanon State park
near junction of U.S. 231 and entrance
to park on the east. Wilson Co.
as 5913
7 miles south of Lebanon.

Sight record of *Leav. stylosa*
about equal yellow and lavender to
nearly white,

5915 *Lesq. torulosa*

(3)

with stems

Fls. light lavender, abundant in wet shallow soil near small stream, cedar glade, 3 miles west of U.S. Highway 231, about 10 miles southwest of Lebanon, Wilson Co., April 2

5916 *Lesq. hirsutum*

(2)

Fls. yellow, old field, near Little Harpeth River, U.S. 31 between Nashville and Franklin, 8 miles north of Franklin, Williamson County, Tenn. - April 3

Tennessee

5917

Leav. uniflora

(4)

Fls. white abundant

Fls. fixed

2 miles north of Rally Hill on

U.S. 431, Maury County, Tenn

April 3

5918

Leav. tomentosa

(7)

Inds. fixed

Fls. light lavender, abundant

Fls. fixed

2 miles north of Rally Hill on

U.S. 431, Maury County

April 3

fls. odoriferous

5919

Leav. exigua

(7)

Fls. fixed

Fls. nearly white with yellow

center, with leaves tomentose

cedar glade. U.S. 431 1 mile

~~north of Rally Hill~~ north of the Dark River,

Maury County, April 3

L. tomentosa and *L. uniflora* both
at above site.

5920 *Leav. tomentosa*

(4)

classified

Fls., white to deep lavender with varying amounts of yellow in center, thin soil over limestone, Rally Hill: U.S. 431, Murray County, April 3

Fl. color quite variable - some with white tips & a rather large yellow middle portion - a few deep lavender - light lavender quite interesting

5921 *Leav. ~~to~~ tomentosa*

(5)

Fls. nearly white, deep lavender and a few yellow with orange center

76.4

near creek, 7 miles north of Lewisburg on U.S. 431, Marshall County.

5922 *Leav. tomentosa*

(2)

Fls. light lavender, thin soil over limestone, 5 miles north of Lewisburg on U.S. 431, Marshall Co. Tenn. April 3

Alabama

(13)

5923

beav. ^{crassa} ala =

Fls. yellow

Fls. white to light lavender with
yellow center or yellow with orange
center - in about equal number *

thin soil over limestone, 1 mile east
of McKendry, Morgan County, Ala
April 4, '59

* about equal on [right] north side of road -
light lavender to white in great majority
on north side

5924

Lesquerella denuncupata

(10)

field

Fls. yellow, abundant in old field
near cedar glade, 2 miles east
of McKendry between Fickling and
Hamville, Morgan County, Ala
April 4 n=8

5925

beav ala =

(10)

Fls. white to light lavender or yellow,
white - yellow about equal - old field
as 5924

n=11

numerous petals - to show mixture of
yellow & white etc.

alabamica var. *brachystyla*

5926

leaves

ala I?

(8)

Fls. field

Fls. white with yellow centers

yellow with orange centers

Abundant around low place in field,

cedar glade situation, 3 miles west

of Falkville on Alabama Stat. 55,

Morgan Co. April 4

$\eta = 11$ - det. by Solbrig.

5927

leaves

ala II

(3)

Fls. all yellow, 3 miles southeast

of McKendry, Morgan Co., April 4

to

5928

leaves. uniflora

(1)

Fls. white - as 5927

Asplenium platyneuron

5929 leaves ala I

(8)

Fls. light lavender, abundant on
thin soil over limestone,

3 miles southwest of Montrose,
Lawrence Co., Mo.

April 5

$n = 11$

[irregular]

5930 leaves, demopis

(5)

Fls. yellow, siliques pubescent;
roadside 0.3 mile north of Speake,
Lawrence Co., Mo. April 5

$n = 9$ siliques

5931 leaves ala II

(6)

Red
Rubs? (to 100?)

Fls. white with a yellow center, wet
spot in field near cedar glade.

2.5 miles west of Hamville,
Lawrence Co., Mo.

$n = 11$

5932

Learala 52

(6)

Fls. white to light lavender, ^{no yellow} center, 5 miles west of Fosterville
 State 55, Morgan Co., Ala.
 April 5 $n = 11$

5932 is on south side of highway
 not more than $\frac{1}{4}$ of a mile west of
 the population examined by Ken Chambers
 and me on north side of road. I
 looked at them again and it is still
 about half white and half yellow.
 all fruits are white; glabrous, fleshy,
 and long styled.

5933

Learala exigua

(11) ~~(12)~~

Fls. light to intense yellow, growing
 in old cedar glade area, western
 edge of Bearman. Jefferson County, Ala.
 April 5

5934 *Leavenworthia* ~~exigua~~ *can. lutea*

(11) ④

Fls yellow, siliques flat. 1/2 mile
north of McCalla, Jefferson Co. Ala
upside

Thin soil on ~~clay~~ flat
pasture land

With D. S. Cornell.
Texas

5935 *Lesquerella Gordonii* (Gray) Wats. (5)
 Sandy-clay soil, siliques globose,
 stipitate.

2 miles west of Comanche,
 Comanche County - April 17, '57

5936 *Lesquerella densiflora* (Gray) S. Wats. (11)

Fls. yellow, buds angular, winter
 annual, ~~long~~ living chips - rock,
 Texas no. 42, 11 miles southwest
 of Brady, McCulloch Co. - April 17, '57

5937 *Lesq. recurva* (Wats.) Small (6)

Fls. yellow, perennial, trichomes present on
 interior of valves, ^{siliques globose} black soil, Edwards Co.

~~fixed~~ Plateau, 19 miles south of Junction,
 Kimble Co., Tex - April 18, '57

$n=6$

5938 *Lesq. recurva* (Engelm.) S. Wats. (6)

~~fixed~~ Fls. yellow, siliques globose & curved pedicels,
 as 5937 among ^{limy} rocks

Texas with Cornell

5939 *Lepidium lasiocarpum* Nutt. (2)
 var. *obtusum* (Thell.) C. L. Hitchc.
 Vagately branched, annual, perianth
 white. Edwards plateau, 19 miles
 north of Tumbleton, Kiowa Co.
 April 15, '39

5940 *Naectanthus officinalis* R. Br. (4)
 Fls. white, springs, headwaters of
 Rio Frio, Prater Ranch,
 Real County, April 12

5941 *Lesq. recurvata* (Engelm.) S. Wats. (3)
 Fls. yellow, ~~perennial~~ ^{annual} & glabrous,
 broken ^{leaves} ~~rock~~, as 5940

5942 *Lesq. argyrea* (Gray) S. Wats. (6)
 Fls. yellow, perennial?, siliques
 globose.
 pasture on small slope, 1 mile
 north of Uvalde, Uvalde Co.

Texas

5943

Nericyrnia camporum (Gray) Kneass (3)

Fls. white, perennial, 42 miles
north of Lordsburg near U.S. Highway
83, Webb Co., Tex. April 18,
'59

5944

Lesquerella argyrea (Gray) S. Wats. (8)

Styls easily shed, pedicels sigmoid,
siliques glabrous
as 5943

$n=8$ det. O.T. Solbrig

5945

Lesq. lasiocarpa (1)

Siliques inflated, 6-8-seeded,
containing 2 partitions, calyx spreading,
pedicels recurved, fls. yellow.
siliques, 5 miles north of Lordsburg,
Webb Co., Tex. - April 19, '59

Texas

check further

5946

Lesquerella argyrea (Gray) Wats. (6)

prostrate, fls. yellow, pedicels
sigmoid, siliques globose

11 miles south of Baredo, Garza
Co., Tex. - April 19

n=16

n=17+1
or
ca. 17

5947

Lesq. lasiocarpa

(4)

fruits, seeds
filled

Fls. yellow, short claw, siliques
slightly compressed contrary to
septum

as 5946

5948

Synthyris Greggii Gray

(5)

Fls. white, stem - decumbent, numerous,
up to 3 ft across, sandy soil,
25 miles south of Baredo,
Zapata County, April 19

n=10

2n=20

5949

Lesquerella thamnophila Rollins + Shaw (18)

Fls. yellow, very short claw, pedicels
recurved, siliques globose,

sprawling in shrubs, 3 miles
southeast of Zapata, Zapata
Co., Tex. April 19

near U.S. 83

sandy soil

Texas

5950

Leryia lasiocarpa (Hook. & Gray) Wats. (7)

Fls. yellow, claws very short, petals widely spreading; siliques compressed contrary to position, some plants with hirsute plus stellate trichomes, some plants with only small stellate trichomes; pedicels recurved; stems decumbent, roadside, 6 miles southeast of Brownsville, Cameron County, April 20, '59

$n = 7$

fixed
sample

5951

Lesquerella lindheimeri (Gray) Wats.
~~*gracilis* (Hook.) S. Wats.~~ (12)

Fls. yellow, siliques globose, erect or nearly so, pedicels sigmoid; weak decumbent stems.

black soil of coastal prairie,

7 miles southeast of Brownsville,
Cameron Co., Tex April 20

$n = 7? \quad n = 6$

5952

Lepidium lasiocarpum Nutt. (4)
var. *orbiculare* (Thell.) C. L. Hitchc.
irrigately branched - clay knolls,
7 miles east of Brownsville
as above.

fixed

Texas

- 5953 *Sisymbrium shinerianii* M.C. Johnston (11)
^{annual}
 Fls. white, pedicels at right angles,
 siliques divaricately spreading,
 under trees of *Pinus edulis*,
 6 miles northeast of Olmito,
 northeast edge of Russelltown,
 Cameron County, Tex.
 April 20th

- 5954 *Sisymbrium shinerianii* M.C. Johnston (4)
 Fls. white, annual, in heavy clay
 soil, near ~~the~~ ^{the} ~~road~~ ^{road}, 3 miles
 northwest of Russelltown, near San Benito,
~~near~~ Cameron Co., Tex. - April 20

- 5955 *Lesq. lasiocarpa* (Hook.) Wats. (1)
^{var. Berlandieri (Gray) Payson}
 heavy soil, Laguna del Colorado
 Wild life refuge, east of Rio Hondo,
 Cameron Co., Tex. - April 20

Texas

5956 *Saxifraga* *shimensis* M.C. Johnston (8)
Fls. white, ~~near~~ ~~along~~ near
arroyo Colorado, just south
of Harlingen, Cameron Co. Tex.
April 21.

5957 *berg.* *gracilis* (Hook.) Wats. (5)
Stems decumbent, fls. yellow,
roadside, weedy, 2 miles
east of Harlingen, Cameron
Co.
April 21.

5958 *berg.* *gracilis* (Hook.) Wats. (4)
Fls. yellow, stems decumbent,
pedicels sigmoid, 4 miles east
of Harlingen, Cameron Co. Tex.
April 21.

Texas.

- 5959 *Lesq. lasiocarpa* (Hook.) S. Wats. (3)
Fls. yellow, siliques compressed
contrary to position, pedicels
recurved railroad beds, 7 miles
northwest of Harlingen, Cameron
Co., Tex April 21
 $n = 5?$
- 5960 *Lesq. lasiocarpa* (Hook.) S. Wats. (2)
Fls. yellow, siliques compressed contrary
to position, pedicels recurved,
erect, about 1 mile south
of Sabastian, Cameron Co., Tex.
April 21
- 5961 *Lesquerella argyrea* (Gray) S. Wats. (5)
Fls. yellow, siliques globose, pedicels
sigmoid, erect, sandy soil, 4 miles south
of Armstrong, Kinney Co., Tex.
April 21
 $n = 7$

~~Armstrong~~
34.3

Texas

- 5962 *Lesq. lasiocarpa* (Hook.) S. Wats. (3)
Fls. yellow, siliques compressed
contrary to septum, pedicels recurved,
~~sandy soil, near Kingsville Gulf Coast~~
~~about 2 miles south of Kingsville,~~
Kleberg Co., Texas

April 21

- 5963 ~~*Saniformis Greene*~~ (3)
Cakile lanceolata (Willd.) O. E. Schulz
Fls. very faintly lavender, nearly
white, near beach, Port Aransas,
Nueces Co., Tex. April 22

Flowering material = *C. lanceolata*
subsp. *pseudocincta* Rodman
fruiting = *C. geniculata*

- 5964 ~~*Saniformis Greene*~~ (3)
Cakile lanceolata (Willd.) O. E. Schulz
near beach, abundant, fls. light
purple, highly branched.
Fulton Beach, Aransas Co.,
Tex. April 22, '59
n = 9

C. lanceolata
subsp. *pseudocincta* Rodman

Tex with Cornell

- 5965 *Lesq. grandiflora* (9)
fixed
Fls. yellow, peduncles divaricate, siliques
globose, shorter stem decumbent,
sandy soil near the Brazos River.
3 miles north of Wallis,
Austin Co., Tex. April 22
n = 9

- 5966 *Lesq. grandiflora* (Hook.) Wats. (3)
Fls. yellow
sandy soil near the Brazos River,
near San Felipe, Austin Co.
April 22

- 5967 *Lesq. densiflora* (Gray) Wats. (12)
Fls. yellow, siliques globose,
sandstone ledges, ³ miles
south of ~~Anderson~~ ^{Anderson}, Bremer
Co., Tex. - April 23

Tex. - with Correll.

(9)

5968

Lesq. gracilis (Hook.) Wats.

Fls. yellow, siliques globose, glabrous
within, pedicels widely spreading,

Field

^{siliques} nearly erect, sandy loam
roadside, 2.5 miles south of
Beona, Leon Co., ~~midland Co.~~

Tex. April 23

bud clusters pendent - pedicels
very fine and weak - much like
the type, $N=6$

5969

Lesq. gracilis (Hook.) Wats.

(5)

Fls. yellow, bud clusters erect, black-

land prairie, 6 miles south
of Beona, Leon Co., Tex.
~~between Ennis and~~

~~April 23~~

~~with Correll~~

Ferris, Ellis Co., Tex.

April 23

with Correll.

Oklahoma

5970

fixed

Lesq. gracilis (Hook.) Wats. (10)
Fls. yellow, pedicels stout, & widely
spreading, siliques erect, panduriform,
sandy soil, 1 mile west of Caddo
Creek, 4 miles west of Bokchito,
Bryan County, Okla.

April 24

bud-cluster erect.

$n=6$

5971

fixed

Lesq. angustifolia Nutt. (8)
Fls. yellow, pedicels wide, spreading,
siliques erect, globose, bud-cluster
erect, roadside, 5 miles east
of Hugo, Choctaw Co. Okla.

April 24

$n=5$

5972

fruits
measured

Lesq. aurea (5)
Fls. yellow, wet, ^{shallow} soil over limestone,
near Rock Creek, 9 miles east
of Hugo, Choctaw Co., Okla.

April 24

Oklahoma

5973

Lesq. aurea

fruits
measured

415

Fls. light yellow, thin soil over limestone,
roadside, 9 miles west
of ~~Fort Gibson~~, 44 Adabel,
McCurtain Co., Okla April 24

5974

Lesq. aurea

fruits
measured

abundant in thin soil over limestone,
4 miles north of Adabel,
McCurtain Co. April 24

5975

Lesq. anniculata (Engelm. & Gray) Wats (12)

Siliques globose, fls. yellow; loamy soil
of pasture near limestone outcrop,
2 miles south of Chouteau, Mayor
Co. Okla. April 26

5976

Araba brachycarpa Nutt (2)

abundant, as 5975

Oklahoma

5977

Sclerema aurea Nutt.

(6)

fixed

Fragrant
Fls. yellow, sandy loam, near U.S. 69,
2 miles south of Adair, Mayes Co.,
Okla. August 26

Alabama

5978 *Leavenworthia* ala I (4)

Fls. white to very pale lavender on
under side of petals, yellow center,

fruits
measured

cedar glade, 5 miles east of
Russellville, Franklin County,

April 28

5979 *Hypericum*

shrub up to 4 ft. high, cedar glade,
1 mile north of Cherry Hill Crossing,
about 8 miles east of Russellville,
Franklin Co. Ala. April 28

5980 *Leavenworthia alabamica* ala I (10)

petal white above, light lavender below,
abundant in cedar glade, as 5979

Alabama

5981

Lesquerella lyrata Rollins

(4)

Fls. yellow, siliques globose to depressed globose, open pasture, cedar glade area 1/4 mile north of Cherry Hill Camp, about 9 miles east of Russellville, Randolph Co.
April 28th

5982

Leavenworthia

(3)

Fls. white, thin soil over limestone. cedar glade, 1.5 miles west of Wrens, Lawrence Co. Ala.
April 28th

5983

Leavenworthia crassa

(10)

Ala. II

Fls. white to light pink, siliques fleshy, thick, ^{ca. 2} fls. slightly larger than broad, field 1/4 ^{mile} north of Lanville, Morgan Co.
April 28th

5984

Leavenworthia alabamica var.*brachyphylla* (6)
ala IFls white to light lavender, wet place
in field, near Alabama state 55, 3
miles west of Falkville, Morgan Co.

April 29

[same place as no. 5976]

5985

Leavenworthia ⁺*crassa* Rollins

(3)

ala II

var. *elongata* Rollins
few plants in same field as 5984

5986

Leavenworthia crassa

ala II

(10)

old corn field, Ala. state 55,
~~at~~ 5 miles west of Falkville,
Morgan County, April 29

5987

Lesquerella densipila

(3)

as 5986

This is the same place Ken
has been and collected a

Alabama

5988

Astragalus tennesseensis Gray (5)

Fls. ochroleucous, perennial from a deep root, stems several to a dozen or more, cedar glade, 1 mile northeast of McLeansburg, Morgan Co., April 29

5989

Heavenworthia crassa A. N. S. (6)

Fls. white or yellow, natural condition cedar glade around seep as 5988

fruits

April 29

5990

Heavenworthia alabamica A. N. S. (7)

var. *brachystyla*
old field, 5 miles west of Falkville, Morgan Co.

fruits

April 29

[Same locality as 5982]

5991 *Leavenworthia crassa* ala II
roadside, 1 mile east of McHardy,
Ala state 5 - about 1/2 mile from
[5989] on opposite side of cedar
glade, Morgan Co. April 29

[same locality as 5923]

5992 *Leavenworthia* ^{*alabamica*} [Ala I] (3)
Cedar glade, 1/4 mile southeast of
Bandersville, Lawrence Co Ala
April 30

5993 *Leav. uniflora* (2)
old field with leav. ala II, 1 mile
east of Bandersville, Morgan Co.
April 30

fruit

5994 *Leavenworthia crassa* ala II
fruit, only
as 5923

5995 *leav. exigua* var *lancea*
western edge of *B...* in
vacant lot. *...*
April 30
[as no. 5933]

Georgia

5996 *leav. worth. exigua?* (3)
Fls. white with greenish yellow center,
pastures with seep, cedar in background.
fruits
11 miles north of LaFayette, Walker
Co., Georgia May 1, '59

5997 *leav. exigua*
cedar glade, east on edge of
Chickamauga National Military
Reservation,

Tennessee

5998 *Leav. alba* L. (2)
small cedar glade, 1.5 miles east
of Lewisdon U.S. 64, Bradley Co.
May 1, 55
[same location as 5901]

5999 *Leav. nilliana* (2)
roadside ^{disturbed} cedar glade area
1 mile east of El Bethel, 11 miles
northeast of Shelbyville.

May 2

59100 *Leav. exigua* (5)
wet pasture, cedar glade area,
1 mile southeast of El Bethel, about
4 miles northeast of Shelbyville,
Bedford County, Tenn.
May 2

~~to~~

59101 *Leav. tamulosa* (7)
as 59100

59102, leav. ~~infl.~~ tomentosa

(2)

low area in pasture, near

U.S. 419, 3 miles south of

Unionville, Bedford County

Tenn.

fruits

May 2

59103 leav. uniflor

(2)

as 59102

fruits

59104 leav. stylosa

(6)

Flo. yellow, siliques thick and
fleshy, pasture near Couchville, Tenn.
1.5 miles east of U.S. 705, about
3 miles northeast of Doverton,
Davidson County, Tenn.

May 3

59105

Leaves stylous

(4)

Fls mostly yellow, seepy pasture near
 Hurricane Creek, just inside Davidson
 County, ca. 3 miles ^{north} east of
 Waverly May 3

~~59106~~

59106

Leaves tomentosa

(2)

as 59105 in willow habitats

~~59107~~

Leaves stylous

(6)

cedar glade near the road
 ca. 3 miles north of
 Waverly on U.S. 70 S.
 Path to the lake May 3

many plants with glabrous leaves
 but some seem to be tomentosa
 possibly a highly mixed population
 tomentosa stylous appears to be a
 common intermediate

Tennessee

59100 leave wagon

(4)

pastures, 1.5 miles

collected at various

places May 5

59102

leave wagon

(3)

pastures, 1.5 miles

Hill Marshall

May 4 + 5

59103

leave wagon

(1)

pastures

59104

leave wagon

(4)

pastures

8112 near to base
part in favorable habitat, 1 mile
south west of Englewood, on road to
Alfred Hill, March 1954
fruit not in season

①

8113 near to base
part in favorable habitat, 1 mile
south west of Englewood, on road to
Alfred Hill, March 1954
fruit not in season

②

8114 near to base
part in favorable habitat, 1 mile
south west of Englewood, on road to
Alfred Hill, March 1954
fruit not in season

③

8115 near to base
part in favorable habitat, 1 mile
south west of Englewood, on road to
Alfred Hill, March 1954
fruit not in season

③

8116 near to base
part in favorable habitat, 1 mile
south west of Englewood, on road to
Alfred Hill, March 1954
fruit not in season

①

59117

Leav. Tylor

(4)

4 miles on throat of mountain

2.5

near B. house 3. det. 100 yds

go up 500 yds. more

59118

Leav. Tylor

(7)

open field 1 mile west

Waco, Tex. collected in 1934

May 5, 53

59119 *Lesq. densipila*

seed only 1/4 mile south of Kirkland,
near Harpeth River, Tenn.

May, 1959

59120 *Lesq. stonensis*

seed only 1 mile southwest of Bascassan,
Rutherford Co., Tenn.
May 5, 1959
same location as 5904

59121 *Lesq. perforata*
near Lebanon, Wilson Co., Tenn.
May 5, 1959

seed only



